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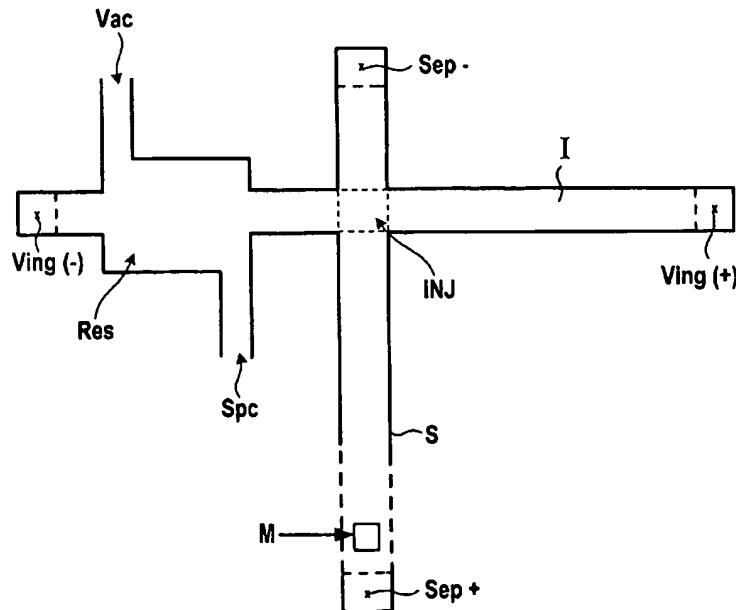
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(54) Title: CONTROLLING SAMPLE LOADING OF A SPECIMEN



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(57) Abstract: A sample loading device for loading and injecting a sample of a specimen is provided. The device comprises an injection channel (I) having a sample injection spot (INJ), the injection channel (I) adopted for feeding a fluid comprising a specimen. It further comprises an injector (Uinj, UIN) for injecting the specimen into the fluid along the injection channel (I) and a separation device (S, SG, Sep+, Sep-) adopted for separating a sample from the specimen at the sample injection spot (INJ). Furthermore it comprises a control unit (RD) adopted for controlling the separation device (S, SG, Sep+, Sep-) in response to a detected physical parameter of the fluid.